THE EAST BAY AMATEUR RADIO CLUB, INC.

QLF

THE BLOWN FUSE

CLUB STATION W6CUS

VOLUME LXXI NUMBER 11

April 2025

EBARC Meetings

Next meeting: April 14, 2025

Unitarian Universalist Church Of Berkeley

Safir Room
1 Lawson Rd.,
Kensington, CA

Check your email for Zoom link.

Welcome EBARC Members to the fourth edition of the *Blown Fuse* for 2025.

Please plan to join us at the meeting on April 18, 2025 at 7:00 PM in-person or on the Zoom Link.

Program: Hands-On Winlink Digital Messaging with EmComm Forms

The Blown Fuse is published monthly by the East Bay Amateur Radio Club, Inc. and is a service provided as part of membership. *The Blown Fuse* welcomes articles of interest to its members and amateur radio in general. *The Blown Fuse* reserves the right to edit or reject any material submitted. Material submitted becomes the property of *The Blown Fuse*. Permission is hereby granted to reproduce material printed herein provided proper acknowledgment is given. Editor: Audrey Nieman W6BBQ

Deadline for April Issue is March 24, 2025.

Blown Fuse Back Issues

Blown Fuse Back Issues can be found on The Internet Archive, link.

2024 & 2025 Coming Soon!!!
de KJ6DZB.

EBARC 2025 Working Inventory FOR SALE!
(Link Here)

Unknown Station from 1990 Field Day

President's Message

This month I want to highlight the effort this all volunteer Board is doing to make this club Radioactive!!! Ham radio is a team sport! The Board members and Club members have made this club radioactive for78 years.

Last month's speakers, John and Dan, gave us insight into the systems in place around Alameda and Contra Costa counties. Although we notice that our cities are at times lacking, we can continue to learn new skills and pass our own on to others. I'm so interested in a community's ability to collect damage assessments on scale, and systems like I AM SAFE. That brings us to this month's program, where we will be HAND ON!!! Sending template form messages thru REAL WINLINK rf gateways like WA6KQB-10. Read more below in the newsletter.

The Club's QSL.net website, is going through a refresh. Chris and I have been performing housekeeping on the website. I found remnants of the first club website from around 2002. Alex Jim Vilaikam AI3X was found in the source code as the web admin. I've restored access to the 1999 thru 2003 pages, 2005, and 2011 thru 2017 Field Day pages. By far the coolest page I found was the Guest Log. Although the log no longer accepts entries, it does give us stories from a time past.

- Past Club ARRL Field Day at E. Chavez Park, 1999 thru 2003.
- Past Club ARRL Field Day 2011 to 2017 and 2005.
- 2002 to 2004 Club Guest Book Log

I've digitized every photo that was in storage but I still have a lot of QSL cards and documents left to scan. I found a few QSL cards mixed in with the photos. They are related to the 50th anniversary of the club and QSL return cards from Field Day. Expect a few more announcements about the website.

I hope to see everyone for next month's meeting. Masks are still optional, stay safe, and good DX! de KJ6DZB

Minutes of the March 2025 Meeting
By Jan Kuhl, AC5RB

The hybrid meeting was brought to order by President Mathison Ott KJ6DZB at 7:06 PM. The in-person meeting occurred at the Unitarian Universalist Church of Berkeley (UUCB) at 1 Lawson Road, Kensington CA 94704-1015. The on-line meeting was held via the Zoom Internet. There were 14 members present and 8 on Zoom. Present were President Mathison Ott, Vice President Howdy Goudey KE6BEE, Treasurer Audrey Nieman W6BBQ, Membership Karen Fenton KK6ZPM, Rick Taft KD6UL, Mike Camp KI7FQ, Jay Fenton KJ6WSS, Todd Teachout W8BIK, Jeff Miller KJ6RHF, Carrie Joy KK6BKR, Dan Genova KO6HWU, Robin Mitchell KN6CRPand Guest Sarah Klebanoff, Ko6IDI. On Zoom were Secretary, Jan Kuhl AC5RB, and members DJ Djovida KJ6DJ, Lorraine Schnurr KN6CRT, Robin Spaulding N6RLS, Chris Harwood AA6AT and Ron Smith KE6RS. The guests were John Cornell and Daniel Goldstein KJ6KEU (ARRL East Bay Section Emergency Co-Ordinator). Self-introductions were made.

ANNOUNCEMENTS: President Mathison reported finishing the programs for the coming year; one program coming soon will be building a DIY antenna.
If you haven't completed the survey, please do. The club would like to get a good representation of the members' interests and future projects.
The equipment list is available; please look at it. If we can't sell these items to members, Mathison will take it to a swap meet later this year.
There will be a California Disaster Drill on April 29. The link will be provided.

PROGRAM: Emergency Communication Panel
Daniel Goldstein, the ARRL East Bay Section Emergency Coordinator presented information about communication links for Disaster preparedness in the Bay Area. He explained using WinLInk to send text linking of messages over radio with no computer or phone. TNC connects to radio to send and receive. It supports forms and pictures. Several examples were shown. This system can send, receive, and forward messages.

BUSINESS
MINUTES: It was moved and seconded to accept the Minutes as published in the Blown Fuse.
TREASUER'S REPORT: Audrey gave the Treasurer's Report as published in the Blown Fuse.
MEMBERSHIP: There are currently 54 paid members. Karen will be reaching out to new hams as they pass their tests to send them information about EBARC membership.

PROGRAMS: Howdy and Mathison are working on the line up for the coming year. They welcome innovative ideas and interests. Mike Camp suggested a club visit to the radio Museum that is open on Saturdays, a Historical Radio Site in Alameda.
SURVEY- So far only 15 members have responded. The Board wants to assess the level of experience, equipment, interests, activities, and topics important to members.

Meeting adjourned 9:27 pm

Respectfully Submitted
Jan Kuhl, Secretary

April Program INFO:

Hands-on Winlink Digital Messaging with EmComm Forms

Everyone who attends the April EBARC Meeting in-person should bring a smartphone, tablet or laptop. With it you practice sending emails over a radio link to a Winlink Gateway. Using your own device in pairs or groups coaches will provide instruction and assistance with connect to pre-configure digital radio stations. This format will focus on hands-on practice filling out forms, without software installations or radio interface concerns. We will practice sending digital messages using EmComm template forms.

Look for more info in the Meeting Agenda!

Two amateurs die in volcano disaster

de Jim Carpenter, K7EP,
— As reported by Reade Apgar, N7AGG

The Washington State RACES were active from day one when one of this country's worst disasters happened. The damage, loss of life and other problems have been covered by the local press and we will focus our report on Reade Apgar, N7AGG. Reade is Washington State RACES Officer and is responsible for the coordination of all emergency operations involving amateurs within the state.

Reade reports that he was having lunch on March 27th when it all started. He received an alert that the Mt. St. Helen's volcano had erupted. He immediately went to the State Emergency Operations Center (EOC). Enroute, he managed to reach four of the six county RACES Officers involved and had them activate their local two-meter repeaters to handle county emergency operations. On arrival at the EOC, he was active in setting up visual observation posts.

The State RACES Net was activated on 3987.5 kHz for emergency operations. From that time on, it was a 24-hour operation that extended through June.

The final score on amateurs in public service will be hard to compute. Many volunteers were available to handle communications, usually more than required. The cooperation between AREC, Red Cross and local government officials handling emergency operations was good. The local press and TV coverage was very good with most of the usual sensationalism eliminated, and the reporting was confined to the cold hard facts.

Emergency operations were handled by two meters at the local level with the counties reporting to the State EOC via sideband. Hundreds of messages were handled involving relief supplies, search and rescue and the emergency operations. To date, one amateur, Reid Blackburn, has lost his life and another, Gerald Martin, is missing and presumed dead in the emergency operations.

Gerald Martin, W6TQF, was handling communications for a group of scientific observers from Portland State University when he reported on May 18th, "You can't believe this; the mountain has exploded! The car and a camper in front of me to the south are already covered, and it's going to get me next." These were the last known words from W6TQF.

Reid Blackburn, was handling communications for one of the Seismograph Mobile Units on observation when he was killed as a result of the May 18th eruption.

These two radio amateurs paid the ultimate price for their public service.

The Washington State Office of Emergency Services reported that the damage caused by the eruptions will be with us many decades. Emergency operations were under control and barring any more major eruptions, the clean-up and recovery will continue for the rest of the year. □

Treasurer's Report
As of 4/5/2025

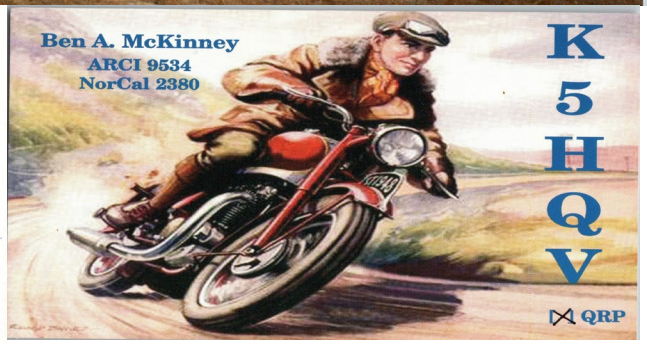
Balance Forward	**$13701.66**
Income:	**.0**
Interest March:	**.10**

Disbursements

E CK Equip Insurance:	**$ 68.03**
E Ck Liability Insurance:	**$ 200.00**
Debit IRS Tax 2024:	**$ 693.00**
#1307 Dept of Justice:	**$ 25.00**
New Balance	**$ 12715.73**

Now accepting dues for 2025 for New Members
Regular Member $35.00
Family Membership $45.00
PayPal to treasurer@ebarc.org
Or mail to:
EBARC
P.O. Box 1393
El Cerrito, CA 94530

1998 Field Day photo & QSL cards from 50 years of EBARC



25 Years Ago: April 2000

Field Day 2000/2001 Update Ron Smith, KE6RS, Chair

The committee to look at alternate Field Day sites met and examined Point Isabel and Point Pinole Parks. Of the two sites, the committee felt that Point Pinole had the most to offer. A meeting with Dave Yoas, Park Supervisor, was arranged by Ralph Leon, WENGE. Ralph; Henry; KK6PH; and Ron, KE6RS attended. Ron reported the results of this meeting to the March board meeting and to the membership at the March EBARC meeting. It was decided to hold Field Day 2000 at the Berkeley site and then form a committee to work on getting permits for the Point Pinole site for 2001.

2000 Photos

50 Years Ago: April 1975

(There is no April issue available, but the March issue had an article about the April program.)

Our thanks to Jack Curtis for an interesting evening. Don't forget to check the Ham Radb article, mentioned above.

The featured guest for April will be Bob Marchand, ace solid state design and troubleshooting engineer for Ma Bell. Bob, you may remember, on his last visit drew, wired, etched and operated a code practice oscillator printed circuit board all in one short visit. This time, Bob will present another of his fascinating talks on what makes your hem gear tick.

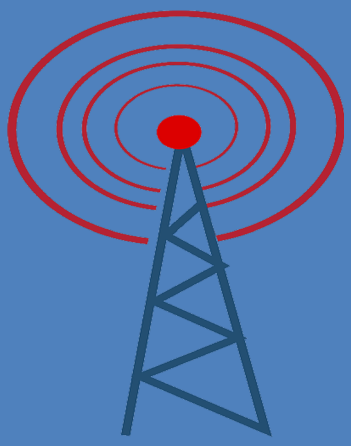
Please MAKE A NOTE ON YOUR CALENDAR!!! Our May guest will be Doc Gmelin, ARRL Pacific Division Director. Doc, W6ZRJ, will discuss the proposed FOC license restructuring Docket 20282 and then open the floor for opinions and comments. ARRL is anxious to get feedback on the proposed changes, so come and bring others. The meeting will be open to all interested parties whether EBARC members or not

PENDING ITEMS

- Website Updates
- Completion of Member Survey
- Sale of Working Equipment (Link Here)
- KPH Field visit
- Field Day planning

Please take
Club member Survey!!!
If you haven't already
(LINK HERE)

DIY Antenna Building Survey!!!
(LINK HERE)



The East Bay Amateur Radio Club, founded in 1947, is a California non-profit organization of amateur radio operators in Contra Costa and Alameda counties. The club is open to anyone with an amateur radio license. Annual dues are $35 for individual membership, $45 for family membership, and $10 for students K-12. For information, send email to ebham.office@gmail.com, contact any EBARC officer, see Web page *www.ebarc.org*, or write EBARC, P.O. Box 1393, El Cerrito, CA 94530. You can also follow us on Twitter using @w6cus, or on Facebook's "East Bay Amateur Radio Club."

2025 East Bay Amateur Radio Club Executive Committee

Mathison Ott, KJ6DZB, President	510-701-0234
Jan Kuhl, AC5RB, Secretary	510-846-3829
Howdy Goudey, KE6BEE, 1st VP / Program Chair	510-684-9097
Karen Fenton, KK6ZPM, 2nd VP/ Membership	510-701-7443
Audrey Nieman, W6BBQ, Treasurer / Finance Chair	510-682-7938

2025 EBARC's Other Committee Heads and Contacts

Blown Fuse Editor: Audrey Nieman, W6BBQ 510-682-7938
W6CUS Trustee Chris Harwood 510-332-7383
Webmasters: Chris & Mathison 510-332-7383

Upcoming Activities & Events

Events	Time & Days	INFO
Ham Cram	Feb 15, May 17	(INFO)
VE @ UUCB by Albert N6SX	March 8th	
General Meeting	March 21st	
General Meeting	April 18	
2025 Coastal Region Radio Exercise	May 1st	
General Meeting	May 16th	
ARRL Digital Contest	Jun 7-8th	(INFO) (LOG)
General Meeting	June 20th	
ARRL Field Day June	June 27*-28-29	
General Meeting	July 18th	
General Meeting	August 15th	
Pacificon 2025	Fri Oct 10 -12	(MORE INFO)
California QSO Party	Oct4 1600- Oct5 2200 UTC	(RULES)
General Meeting	November 21st	
ARRL CW Sweepstakes	11/2 - 11/4	(INFO)
General Meeting	December 19th	
Holiday Party	TBD	

More Contest info at https://www.contestcalendar.com
And at https://www.arrl.org/contest-calendar

Bay Area & U.S. Amateur Radio Nets

Net	Days	Time PST	Repeater	INFO
Over the Hill Commuter CCCC	Mon-Fri	7:10pm	WA6KQB (system)	RX: 145.110MHz TX:-600kHz CTCSS: 82.5Hz RX:444.275MHz TX:+5MHz CTCSS:82.5Hz RX:224.3MHz TX:+4MHz CTCSS:82.5Hz EchoLink: 184423 / AllStar: 529990 /
Insomniac Net WIN SYSTEM on LPRC	Mon-Sun	10pm	WR6ABD	RX:442.900 TX:+5MHz CTCSS:162.2
W1AW CW Practice (LINK)				1.8025, 3.5815, 7.0475, 14.0475, 18.0775, 21.0675, 28.0675, 50.350, 147.555 MHz, EchoLink: 501433
W1AW Digital Bulletins (LINK)				3.5975, 7.095, 14.095, 18.1025, 21.095, 28.095, 50.350, 147.555 MHz.
W1AW Voice Bulletins (LINK)				1.855, 3.99, 7.29, 14.29, 18.16, 21.39, 28.59, 50.350, 147.555 MHz.
MidCars (LINK) eastern USA	Mon-Sun	5:30-11AM		7.258 LSB
NorCAL DMR Net TG31068	Mon	7:30pm	W6PW	UHF RX:444.225MHz TX:+5MHz CC1 WA6BAY, W6PW, K6LNK, N6AMG, WB6ECE, W6CX
NorCAL DMR Net TG31068	Mon	7:30pm	W6CX-DV	W6CX-DV RX:145.000 TX:+2.5MHz CC:1 (MORE INFO)
CCCC 220 Net	Tues	7:30pm		RX:224.3MHz TX:+4MHz CTCSS:82.5Hz
MeshPhone Conference Call N2NM	Mon	7:30pm	BAM PBX	Mesh phone 78- 973-2193
Loma Pioneer Radio Club LPRC	Tues	8pm	WR6ABD	RX:146.640MHz TX:-600kHz CTCSS:162.2kHz
ORCA Noon time Net	Tues	12noon	WB6NDJ	RX:146.880MHz TX:-600kHz CTCSS:77kHz RX:442.4MHz TX:+5MHz CTCSS:77kHz EchoLink: 270352 / AllStar: 47154 / IRLP: 3115
Marin County RACES HF NVIS NET	Tues	6pm		3.895, 5.405 (ch5) USB / 7.228 LSB / 40m (JS8)
UC Berkeley ARC W6BB	Wed	7:30PM	WA6ZTY	RX:442.275MHz TX:+5MHz CTCSS:103.5Hz (Echo Link KJ6DZB-L) (Allstar NODE 59521)
UC Berkeley ARC W6BB (Echo Link)	Wed	7:30PM	KJ6DZB-L	KJ6DZB-L
San BrunoARC	Wed	8:30pm	simplex	7.27mhz & 46.595MHz FM
WC EMCOMM Net	Thu	1845	WA6KQB	WA6KQB (system)
Mt Diablo MDARC	Thu	7:30pm	W6CX	RX:147.060MHz TX:+600kHz CTCSS:100Hz
CCCC Evening Net	Thu	1930	WA6KQB	WA6KQB (system)
Co Co County HF EmComm Net	Thu	6pm		7.213MHz (+/- QRM) LSB
Co Co County HF EmComm Net	Thu	6:15pm		5.346.5MHz USB (ch. 2) or 5.357Mhz (Ch. 3)
Co Co County HF EmComm Net	Thu	6:30pm		3.893MHz (+/- QRM) Alternative 3.888MHz LSB
KARO/ECHO EMCOMM NET	Thu	7pm		Simplex 146.415MHz
NALCO ARES Net	Thu	7:15pm	N6BRK	RX:147.255MHz TX:+600kHz CTCSS:123kHz RX:440.900MHz TX:+5 TX:+5MHz CTCSS:131.8.5KHz
Oakland RCA Net	Thu	7:30pm	WB6NDJ	WB6NDJ (system)
W6CX-ATV Net	Thu	8pm	W6CX-ATV	1244.50MHz DVB-S2 (MORE INFO)
Bay Area EMCOMM Net	Sat	9:00am	WA6KQB	WA6KQB (system)
San Francisco ARC W6PW HF net	Sat	9am	simplex	14.328MHz USB
CCCC WC Net	Sat	9:15am	WA6KQB	WA6KQB (system)
Bay Area Comm Net	Sat	9:30am	WA6KQB	WA6KQB (system)
Cert FL Digi Net	Sat	10am	WA6KQB	WA6KQB (system)
The Bay Area NVIS Net	Sat	8am		3.890MHz LSB
Slow Scan TV SSTV (MORE INFO)				145.500 MHz, 145.600MHz, 144.550MHz, 145.800MHz
U.S. Packet	27/7	27/7	wide1-2	1200bps 144.390MHz
Satellite Packet	Status	Status	NA1ISS	1200bps 145.825MHz
NA1ISS Cross-Band Repeater	Status	Status		Up: 145.990MHz CTCSS:67Hz Dow: 437.800MHz

Note: Please send suggestions or modifications to KJ6DZB

High Speed Microwave Data Network	INFO
Bay Area Mesh (AREDN)	More INFO /Bay Area Node Map
-WINLINK NODES-	-INFO-
WA6KQB-10	441.500MHz 1200bps & VARA FM wide
KC6SSM-10	145.630MHz
W6ECK-10	441.500MHz packet (local mailbox W6ECK-1)
W6ECK-10	145.630 VARA (local mailbox W6ECK-1)
KI6DOG-10	144.910 packet (Oakland)
K2YE-10	144.910 packet (Oakland)
K6VOM-11	145.630 packet or VARA (San Leandro)

Note: Please send suggestions or modifications to KJ6DZB

DX peditions:

TY5C Benin

Benin, Jan 10-April 2, 2025, Gerard, F5RAV will be active as TY5.
He will operate on 80 - 10m, CW, FT8.

VP2VI BVI

VP2VI Team will be active from British Virgin Islands, IOTA NA - 023 in April 2025.

5R8TT 5R8XX Madagascar

5R8TT 5R8XX Team will be active from Madagascar, October - November 2025.
Currently Active
H44MS Solomon Islands
4S7KKG Sri Lanka
V26MN Antigua
VP2MMN Montserrat Island
JG8NQJ/JD1 Marcus Island Minami Tori Shima Islands
8J1RL Showa Research Station
6W7/ON4AVT Warang Senegal
OX3LX Greenland
FT4YM Antarctica
RI1ANE Progress Station Antarctica
7Q2T Malawi
VK9CU Cocos Keeling Islands
D68Z Comoro Islands
More DX Peditions info at https://dxnews.com/dxpeditions/

EBARC 2025 Inventory Sale

(Link Here)

2025 License Exam Flyers

(Link Here to flyers you can share)

AMATEUR RADIO LICENSE EXAMS

ORCA ww6or.com

ARCA Amateur Radio Club of Alameda

ADVANCE REGISTRATION REQUIRED

UC BERKELEY EXAMS - 5:00 PM

Monday, April 28, 2025

Monday, May 26, 2025

Monday, June 23, 2025

Monday, July 28, 2025

EL CERRITO EXAMS - 9:00 AM

Saturday, August 9, 2025

Saturday, September 6, 2025

Saturday, November 29, 2025

TO REGISTER OR FOR MORE INFORMATION:

Albert - Email: goto@eecs.berkeley.edu

END